

B1 Amended
2. (Amended) The floor covering as claimed in Claim 1, wherein the polyolefin has a density of $0.85 - 0.892 \text{ g/cm}^3$.

3. (Twice Amended) The floor covering as claimed in Claim 1, wherein the polyolefin is selected from among the class of VLD PE polymers.

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4. (Twice Amended) The floor covering as claimed in Claim 1, wherein the polyolefin is a mixture of at least two ethylene copolymers, wherein the ethylene copolymer mixture comprises a copolymer (a) as the main polymer with a density of $0.89 - 0.91 \text{ g/cm}^3$ and a copolymer (b) to control rheology and elasticity with a density of $0.86 - 0.88 \text{ g/cm}^3$ and an $\text{MFI} > 3$.

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5. (Amended) The floor covering as claimed in Claim 4, wherein the copolymers (a) and (b) are present at a weight ratio of 4:1 to 3:2.

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6. (Twice Amended) The floor covering as claimed in Claim 4, wherein the copolymers (a) and (b) are copolymers of ethylene and octene.

7. (Twice Amended) The floor covering as claimed in Claim 1, wherein the grafted copolymer is a grafted copolymer based on a HD polyethylene.

8. (Amended) The floor covering as claimed in Claim 7, wherein the grafted copolymer is a maleic acid anhydride grafted HD polyethylene.

9. (Amended) The floor covering as claimed in Claim 8, wherein the grafting degree is 1% to 5%.

10. (Twice Amended) The floor covering as claimed in Claim 1, wherein the proportion of grafted copolymer in relation to the total weight of the polymeric binder is 5% to 25% by weight.

11. (Twice Amended) The floor covering as claimed in Claim 1, wherein the elastomer is cross-linked with at least one cross-linking agent based on an organic peroxide and optionally a co-cross-linking agent.

12. (Amended) The floor covering as claimed in Claim 11, wherein the co-cross-linking agent is an isocyanuric acid derivative or an acrylate or a methacrylate derivative derived from a polyol.

13. (Twice Amended) The floor covering as claimed in Claim 1, which further comprises a filler, a pigment, a processing aid, an antioxidant, a static eliminator, a UV stabilizer or a slip agent.